



State of Utah

Department of  
Environmental Quality

Dianne R. Nielson, Ph.D.  
*Executive Director*

DIVISION OF AIR QUALITY  
Richard W. Sprott  
*Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY HERBERT  
*Lieutenant Governor*

DAQE-IN1357004-06

September 14, 2006

Mr. Kerry Farnsworth  
Burdick Paving Company  
PO Box 459  
Roosevelt, Utah 84066

Dear Mr. Farnsworth:

Re: Intent to Approve: Modification of Portable Aggregate Processing Equipment to Approval Order  
DAQE-AN1357003-02, Various Counties in Utah, CDS SM; NSPS; Title V Minor  
Project No. N1357-004

The attached document is the Intent to Approve (ITA) for the above-referenced project. ITAs are subject to public review. Any comments received shall be considered before an Approval Order is issued.

Future correspondence on this Intent to Approve should include the engineer's name as well as the DAQE number as shown on the upper right-hand corner of this letter. Please direct any technical questions you may have on this project to Mr. Tom Bradley. He may be reached at (801) 536-4014.

Sincerely,

Tim Blanchard, Acting Manager  
Minor New Source Review Section

JTB:TJB:dn

cc: Salt Lake Valley Health Department

# **STATE OF UTAH**

## **Department of Environmental Quality**

### **Division of Air Quality**

#### **INTENT TO APPROVE: Modification of Portable Aggregate Processing Equipment to DAQE-AN1357003-02**

**Prepared By: Tom Bradley, Engineer  
(801) 536-4014  
Email: Tbradley@utah.gov**

#### **INTENT TO APPROVE NUMBER**

**DAQE-IN1357004-06**

**Date: September 14, 2006**

#### **Burdick Paving Company**

**Source Contact  
Kerry Farnsworth  
(435) 722-5013**

**Richard W. Sprott  
Executive Secretary  
Utah Air Quality Board**

**Summary of Air Quality Approval Order Process for Portable Sources**  
**Non-metallic Mineral Processing Industry**

*This Approval Order (AO) is issued to Burdick Paving, Inc. for the purpose of operating portable equipment that belongs to the non-metallic mineral processing industry, including aggregate processing and asphalt plants. Sets of equipment chosen from the equipment approved in the tables at the end of this AO shall be temporarily operated for a period of not more than 180 operating days in any calendar year at any site. A relocation shall not exceed 365 consecutive days at any location in the State of Utah. Prior to commencement of operation at a site, the source shall submit a Notice of Temporary Relocation to the Executive Secretary. If the plant operates at a site in compliance with the AO, the Notice of Temporary Relocation, and the Temporary Relocation Approval Letter, dispersion modeling results have determined that there will be no adverse impacts on air quality at the nearest residence or commercial establishment. Compliance with the opacity limits and various operating practices listed in the conditions of the AO shall be considered as application of Best Available Control Technology. The emission control measures listed in the conditions of this AO shall apply to all of the sites at which the equipment approved by this AO operates. The source may be required to adopt additional measures for controlling emissions to address site-specific concerns. The tables at the end of this AO shall indicate whether the equipment is subject to the New Source Performance Standards, (NSPS, 40 CFR Part 60, Subpart I and Subpart OOO). The Temporary Relocation Approval Letter, which the source is required to possess prior to operation, shall list the allowable emissions and/or production limits for the relocation. This AO limits the source to emissions, which are below the major source threshold, making it a "Synthetic Minor" source. Other applicability factors may still apply. The terms and conditions of this AO are enforceable by both the State of Utah and the Federal Government.*

The Notice of Intent (NOI) for the above-referenced project has been evaluated and has been found to be consistent with the requirements of the Utah Administrative Code Rule 307 (UAC R307). Air pollution producing sources and/or their air control facilities may not be constructed, installed, established, or modified prior to the issuance of an Approval Order (AO) by the Executive Secretary of the Utah Air Quality Board.

A 30-day public comment period will be held in accordance with UAC R307-401-7. A notice of intent to approve will be published in the Salt Lake Tribune and Deseret News papers on September 20, 2006. During the public comment period the proposal and the evaluation of its impact on air quality will be available for both you and the public to review and comment. If anyone so requests a public hearing it will be held in accordance with UAC R307-401-7. The hearing will be held as close as practicable to the location of the source. Any comments received during the public comment period and the hearing will be evaluated.

Please review the proposed AO conditions during this period and make any comments you may have. The proposed conditions of the AO may be changed as a result of the comments received. Unless changed, the AO will be based upon the following conditions:

**General Conditions:**

1. This Approval Order (AO) applies to the following company:

Burdick Paving, Inc.  
P.O. Box 459  
Roosevelt, Utah 84066  
Phone Number (435) 722-5013  
Fax Number (435) 722-2810

The equipment listed in this AO shall be operated at various locations throughout the State of Utah.

2. All definitions, terms, abbreviations, and references used in this AO conform to those used in the Utah Administrative Code (UAC) Rule 307 (R307) and Title 40 of the Code of Federal Regulations (40 CFR). Unless noted otherwise, references cited in these AO conditions refer to those rules.
3. The limits set forth in this AO shall not be exceeded without prior approval in accordance with R307-401.
4. Modifications to the equipment or processes approved by this AO that could affect the emissions covered by this AO must be reviewed and approved in accordance with R307-401.
5. All records referenced in this AO or in applicable NSPS standards, which are required to be kept by the owner/operator, shall be made available to the Executive Secretary or Executive Secretary's representative upon request, and the records shall include the two-year period prior to the date of the request. Records shall be kept for the following minimum periods:
  - A. Used oil consumption Three years
  - B. Emission inventories Five years from the due date of each emission statement or until the next inventory is due, whichever is longer.
  - C. All other records Two years
6. Burdick Paving, Inc. shall install and operate the non-metallic mineral processing plants and shall conduct its operations of the aggregate and asphalt in accordance with the terms and conditions of this AO, which was written pursuant to Burdick Paving, Inc.'s Notice of Intent (NOI) submitted to the Division of Air Quality (DAQ) on August 21, 2006 and the terms and conditions of the Temporary Relocation Approval Letter issued by the Executive Secretary for each relocation. This Approval Letter will be based on the DAQ analysis of the information submitted to the Executive Secretary in the Notice of Temporary Relocation Form.
7. In the case of any discrepancy between the Conditions of the AO and the Temporary Relocation Approval Letter, the source shall be required to comply with the site-specific requirements in the Temporary Relocation Approval Letter.
8. The source shall be allowed to relocate any of the equipment listed in the Tables at the end of this AO, to any location approved by the Temporary Relocation Approval Letter.
9. Equipment listed in the Tables at the end of this AO can be replaced by other equipment of equal or lesser production capacity having the same function as the existing equipment with written notification to the Executive Secretary, and adherence to the following DAQ "Replacement in Kind" provision:
  - A Potential to emit of the replacement equipment is the same or lower;

- B. Horse power rating or rated capacity of replacement equipment remains the same or lower;
- C. Number of emission points or emitting units is the same or lower;
- D. No additional types of air contaminants are emitted as a result of the replacement;

Additional information is required if replacement equipment is subject to an NSPS standard.

- 10. This AO shall replace the AO DAQE-AN1357003-02 dated September 19, 2002.

### **Relocation**

- 11. Prior to operating equipment at any site, the owner/operator shall obtain a Temporary Relocation Approval Letter in accordance with R307-401-17, UAC. Temporary relocations shall not exceed 180 operating days in any calendar year not to exceed 365 consecutive days, starting from the initial relocation date, at any site. The DAQ needs at least ten working days for processing and issuing a Temporary Relocation Approval Letter, however Notices of Temporary Relocation may be submitted as soon as the details on equipment to be used and when the equipment will be at each specific site are available. Notices of Temporary Relocation shall include the following information (Form 15a is available from the DAQ):
  - A. The location of the proposed site (Please include directions on how to go to the site).
  - B. The expected startup and completion dates for operating at the proposed site.
  - C. A site diagram showing the general equipment location on site (to scale), and the distance to the nearest houses, barns or commercial operations (to scale if the plant boundary is located within one mile of these buildings).
  - D. A list of the equipment to be operated at the proposed site.
  - E. Additional emission control measures for various emission points that the source proposes to adopt at each site, which will require application of emission controls beyond the control measures required by this AO.
  - F. Include a reference to this AO.
- 12. Before granting a Temporary Relocation Approval Letter, the proposed site will be evaluated by the Executive Secretary to verify that the plant will not cause a new violation of the National Ambient Air Quality Standards (NAAQS). This evaluation will be based on the computer dispersion modeling conducted by the DAQ and information that shall be submitted in the Notice of Temporary Relocation. The Notice of Temporary Relocation shall be submitted at least 10 working days prior to the source operation and shall contain a Fugitive Dust Control Plan (FDCP). If violations of the NAAQS are suspected at the proposed site, the owner/operator shall be required to:

- A. Apply air pollution controls at the proposed site which are more stringent than those outlined in the conditions of this AO and/or
- B. Perform continuous ambient monitoring for PM<sub>10</sub> for at least the first 30 days of operation to demonstrate that the applicable NAAQS are not violated at the site under normal operating conditions. Monitoring shall be initiated only after consultation with DAQ and carried out in accordance with the Utah DAQ guidelines.

Relocations expected to exceed 180 operating days shall be preceded with a NOI for a permanent source and a valid AO shall be obtained prior to the end of the 180 days.

- 13. Relocation to Sites Listed in the Utah PM<sub>10</sub> State Implementation Plan: Temporary sources that plan to relocate to sites listed in the Utah PM<sub>10</sub> State Implementation Plan (PM<sub>10</sub> SIP) shall be required to meet standards and adopt control strategies listed in the PM<sub>10</sub> SIP for the site, if the PM<sub>10</sub> SIP requirements for the site are more stringent than the requirements specified in the conditions of this AO. For sources that submit a Notice of Temporary Relocation to relocate to a site that is listed in the PM<sub>10</sub> SIP, the requirements under which the source would be required to operate shall be specified in the Temporary Relocation Approval Letter.
- 14. The Temporary Relocation Approval Letter, which the source is required to possess prior to operation at a site, shall list the allowable emissions for the relocation based on the aggregate production capacity, the projected hours of operation during the period of relocation, and the degree of enforceable emissions control that the source proposes to adopt during the period of relocation. The owner/operator shall maintain records of all equipment listed in the Tables at the end of the AO. The records shall contain actual hours of operation of the equipment at each site and the actual emissions that resulted from the operation at each site. These emissions shall be summarized for each piece of equipment at the completion of operation at each site, or every 6 months, whichever comes first (or as directed by the Executive Secretary) and made available to the Executive Secretary or the Executive Secretary's representative upon request.

### **Limitations**

- 15. Visible emissions from the following emission points shall not exceed the following values:
  - A. All crushers - 15% opacity
  - B. All screens - 10% opacity
  - C. All conveyor transfer points - 10% opacity
  - D. All bin vents - 10% opacity
  - E. All baghouses - 10% opacity
  - F. All scrubbers - 15% opacity
  - G. All diesel engines - 20% opacity
  - H. Conveyor drop points - 20% opacity
  - I. All other points - 20% opacity

Opacity observations of emissions from stationary sources shall be conducted according to 40 CFR 60, Appendix A, Method 9.

NSPS equipment shall be subject to the requirements stated in 40 CFR Subpart A sections 60.7, 60.8, and 60.11.

16. Hours of Operation

- A. The actual hours of operation of the plant shall not exceed 16 hours during any 24-hour period (from mid-night to mid-night). The actual time of operation shall be between 6:00 AM and 10:00 PM. The hours of operation may be altered upon approval of the Executive Secretary. Any request for a change in these hours shall include modeling showing that all National Ambient Air Quality Standards are met.
- B. The total hours of actual operation/production shall not exceed 2,880 hours during the entire period of relocation to any site.
- C. Records of hours of operation shall be kept for all periods when the plant is in operation. Hours of operation shall be determined by a supervisor responsible for the monitoring and maintenance of an hours-of-operation log. An example of an hours-of-operation log is shown in the following Table:

DATE	START TIME	STOP TIME	# OF HOURS
3-1-95	7:10 AM	11:35 AM	4.5
3-1-95	12:30 PM	5:35 PM	5.0
3-1-95 Total			
3-2-95	7:30 AM	5:30 PM	10.0
More entries	in these	intervening rows	from March to August
8-30-95	6:15 AM	4:15 PM	10.0
Grand Total For Location			29.5

17. Haul Road Limitation

The speed of mobile equipment (trucks, front end loaders, etc.) shall not exceed 15 miles per hour. The haul road speed shall be posted, at a minimum, on site at the beginning of the haul road so that it is clearly visible from the haul road.

18. Open Area Limitations

- A. The area occupied by the storage piles generated by this operation shall not exceed 1.5 acres.

- B. The area disturbed by this operation, which has not been stabilized to prevent wind erosion, shall not exceed 5.0 acres.
  - C. Control of disturbed or stripped areas shall be required at all times for the duration of the project/operation per R307-205, UAC.
- 19. Silos for Asphalt and Concrete Plants: All displaced air from the silos shall pass through a fabric filter device before being vented to the atmosphere.
- 20. Emission Limitations for Asphalt Plants: All asphalt plants shall control particulate emissions using a control device such as a baghouse or a venturi scrubber. A manometer or magnehelic pressure gauge shall be installed to measure the differential pressure across the baghouse. Static pressure differential across the baghouse shall be between 2 to 6 inches of water column. The scrubber pressure drop shall be greater than 12 inches of water column. The pressure gauges shall be located such that an inspector/operator can safely read the indicator at any time. The reading shall be accurate to within plus or minus 1.0 inches water column for both baghouse or venturi scrubber. The instruments shall be calibrated according to the manufactures instructions at least once every 12 months. Continuous or intermittent recording of the reading is not required. Concentrations in the exhaust stream from the drum shall not exceed 0.024 grains/dscf for pit run material for PM<sub>10</sub> (0.030 grains/dscf for TSP), and 0.028 grains/dscf for recycled pit run asphalt pavement mix for PM<sub>10</sub> (0.035 grains/dscf for TSP). The pressure gauge shall be located such that an inspector /operator can safely read the indicator at any time.
- 21. The amount of recycle asphalt used in each plant shall not exceed 40% of the total product at any time. Compliance shall be determined by the actual hourly production of the plant divided by the hourly amount of recycle product introduced to the plant. Daily records maintained on site shall include:
  - A. Total production
  - B. Amount of recycle asphalt used in the total production
  - C. Daily calculations of the percent recycle used in the total production
- 22. Prior to granting the Temporary Relocation Approval Letter for operation at any site, the DAQ will verify that the total emissions from the site (or other sites that are considered to be adjacent or contiguous to the site) for all equipment owned or operated by a company (including equipment permitted under a permanent AO) over any 12-month period does not exceed major source thresholds, at each site, for the Operating Permit program. These thresholds are 100 tons per year of non-HAPs, 25 tons per year of any combination of HAPs and 10 tons per year of any single HAP.
- 23. The daily production limit specified in the Temporary Relocation Approval Letter in tons of product produced per 24-hour period (midnight to midnight) shall not be exceeded without prior approval in accordance with R307-401, UAC. Records of daily production shall be kept for all periods when the plant is in operation. The daily production shall be determined by belt scale records, scale house records, vendor receipts or by any other method as acceptable to the Executive Secretary or the Executive Secretary's representative. Records of daily production shall be made available to the Executive Secretary or the Executive Secretary's representative upon request. Hours of operation shall be determined by the person monitoring and maintaining the operations log.



**Test Procedures**

24. Stack testing to show compliance with the emission limitations stated in Condition #20 shall be performed as specified below:

A.	<u>Emission Point</u>	<u>Pollutant</u>	<u>Testing Status</u>	<u>Test Frequency</u>
	Drum exhaust passing through baghouse or scrubber	TSP (virgin and RAP)	*	#
		PM <sub>10</sub> (virgin and RAP)	**	@

B. Testing Status

- \* Initial compliance testing is required for each plant. The initial test date shall be performed as soon as possible and in no case later than 180 days after the start up of a new emission source, an existing source without an AO, or the granting of an AO to an existing emission source that is modified. A compliance test is required on the modified emission point that has an emission rate limit. Compliance testing shall not be required for both virgin and recycle materials during the same testing period. Testing shall be performed for the product being produced during the time of testing.
- \*\* Initial test is not required unless directed otherwise by the Executive Secretary.
- # Initial test is required. Subsequent tests shall only be performed for PM<sub>10</sub>.
- @ Test every three years (non-attainment area operation) or test every five years (attainment area operation) or sooner if directed by the Executive Secretary. Tests may be required if the source is suspected to be in violation with other conditions of this AO. Compliance testing shall not be required for both virgin and recycle materials during the same testing period. Testing shall be performed for the product being produced during the time of testing.

C. Notification

At least 30 days prior to conducting any emission testing required under any part of UAC, R307, the owner or operator shall notify the Executive Secretary of the date, time and place of such testing and, if determined necessary by the Executive Secretary, the owner or operator shall attend a pretest conference. A source test protocol shall be submitted to DAQ when the testing notification is submitted to the Executive Secretary. The source test protocol shall be approved by the Executive Secretary prior to performing the test(s). The source test protocol shall outline the proposed test methodologies, stack to be tested, and procedures to be used. A pretest conference shall be held, if directed by the Executive Secretary.

The pretest conference shall include representation from the owner/operator, the tester, and the Executive Secretary. The emission point shall be designed to conform to the requirements of 40 CFR 60, Appendix A, Method 1, or other methods as approved by the Executive Secretary. An Occupational Safety and Health Administration (OSHA) or Mine Safety and Health Administration (MSHA) approved access shall be provided to the test location.

D. TSP

40 CFR 60, Appendix A, Method 5

E. PM<sub>10</sub>

For stacks in which no liquid drops are present, the following methods shall be used: 40 CFR 51, Appendix M, Methods 201 or 201a. The back half condensibles shall also be tested using the method specified by the Executive Secretary. All particulate captured shall be considered PM<sub>10</sub>.

For stacks in which liquid drops are present, methods to eliminate the liquid drops should be explored. If no reasonable method to eliminate the drops exists, then the following methods shall be used: 40 CFR 60, Appendix A, Method 5, 5a, 5d, or 5e as appropriate. The back half condensibles shall also be tested using the method specified by the Executive Secretary. The portion of the front half of the catch considered PM<sub>10</sub> shall be based on information in Appendix B of the fifth addition of AP-42 or other data acceptable to the Executive Secretary.

The back half condensibles shall not be used for compliance demonstration but shall be used for inventory purposes.

F. New Source Operation

For a new source/emission point, the production rate during all compliance testing shall be no less than 90% of the maximum production rate (rated capacity) of the plant. If the maximum AO allowable production rate has not been achieved at the time of the test, the following procedure shall be followed:

- 1) Testing shall be at no less than 90% of the production rate achieved to date.
- 2) If the test is passed, the new maximum allowable production rate shall be 110% of the tested achieved rate. This new maximum allowable production rate shall be less than 90% of the allowed maximum production rate. This new allowable maximum production rate shall remain in effect until successfully tested at a higher rate.
- 3) The owner/operator shall request a higher production rate when necessary. Testing at no less than 90% of the higher rate shall be conducted. A new maximum production rate (110% of the new rate) will then be allowed if

the test is successful. This process may be repeated until the maximum AO production rate is achieved.

G. Existing Source Operation

For an existing source/emission point, the production rate during all compliance testing shall be no less than 90% of the maximum production achieved in the previous three (3) years.

**Roads and Fugitive Dust**

25. Visible fugitive dust emissions from haul-road traffic and mobile equipment in operational areas shall not exceed 20% opacity. Visible emissions determinations for traffic sources shall use procedures similar to Method 9. The normal requirement for observations to be made at 15-second intervals over a six-minute period, however, shall not apply. Six points, distributed along the length of the haul road or in the operational area, shall be chosen by the Executive Secretary or the Executive Secretary's representative. An opacity reading shall be made at each point when a vehicle passes the selected points. Opacity readings shall be made one-half the vehicle length or greater behind the vehicle and at approximately one-half the height of the vehicle or greater. The accumulated six readings shall be averaged for the compliance value.
26. Burdick Paving, Inc. shall abide by a fugitive dust control plan acceptable to the Executive Secretary for control of all dust sources associated with the equipment listed at the end of this AO. Burdick Paving, Inc. shall submit a fugitive dust control plan to the Executive Secretary, attention: Compliance Section, for approval within 30 days of the date of this AO. If Burdick Paving, Inc. has an approved fugitive dust control plan in place, Burdick Paving, Inc. shall abide by the most current fugitive dust control plan approved by the Executive Secretary.
27. The source shall abide by all applicable requirements of R307-205 (statewide) and R307-309 for (PM<sub>10</sub> non-attainment areas of Salt Lake, Utah, Davis Counties and Ogden City) for Fugitive Emission and Fugitive Dust sources.
28. Water sprays or chemical dust suppression sprays shall be installed at the following points to control fugitive emissions:
  - A. All crushers
  - B. All screens
  - C. All unenclosed conveyor transfer points \*

\* Enclosed is defined as having three (3) or more sides.

**Fuels**

29. The owner/operator shall use natural gas, liquefied petroleum gas, or #1 or #2 fuel oil as a primary fuel. The approved fuel for the asphalt plants shall be #2 fuel oil, or on specification used oil which meets the requirements stated in Condition #31 of this AO.

30. The sulfur content of any fuel oil or diesel burned shall not exceed:

- A. 0.50 percent by weight for fuels used in the asphalt plant.
- B. 0.50 percent by weight for diesel fuels consumed in all other equipment.

The sulfur content shall be determined by ASTM Method D-4294-89 or approved equivalent. Certification of used oil shall be either by Burdick Paving, Inc.'s own testing or test reports from the used oil fuel marketer. Certification of other fuels shall be either by Burdick Paving, Inc.'s own testing or test reports from the fuel marketer.

31. Sources burning used oil for energy recovery shall comply with the following:

- A. The concentrations/parameters of contaminants in any used oil fuel shall not exceed the following levels:

1)	Arsenic.....	5	ppm by weight
2)	Cadmium.....	2	ppm by weight
3)	Chromium.....	10	ppm by weight
4)	Lead.....	100	ppm by weight
5)	Total halogens.....	1,000	ppm by weight
6)	Sulfur.....	0.5	percent by weight

- B. The flash point of all used oil to be burned shall not be less than 100 °F.
- C. The owner/operator shall provide test certification for each load of used oil fuel received. Certification shall be either by their own testing or test reports from the used oil fuel marketer. Records of used oil fuel consumption and the test reports shall be kept for all periods when the plant is in operation. Records shall be made available to the Executive Secretary or the Executive Secretary's representative upon request. The records shall include the three-year period prior to the date of the request.
- D. Used oil that does not exceed any of the listed contaminants content may be burned. The owner/operator shall record the quantities of oil burned on a daily basis.
- E. Any used oil fuel that contains more than 1000 ppm by weight of total halogens shall be considered a hazardous waste and shall not be burned in the boiler. The oil shall be tested for halogen content by ASTM Method D-808-81, EPA Method 8240 or Method 8260 before used oil fuel is transferred to the boiler tank and burned.
- F. Sources utilizing used oil as a fuel shall comply with the State Division of Solid and Hazardous Waste in accordance with R315-15, UAC.

### **Federal Limitations and Requirements**

32. In addition to the requirements of this AO, all applicable provisions of 40 CFR 60, New Source Performance Standards (NSPS) Subpart A (General Provisions), 40 CFR 60.1 to

60.18, Subpart I, 40 CFR 60.90 to 60.93 (Standards of Performance for Hot Mix Asphalt Facilities), and Subpart OOO, 40 CFR 60.670 to 60.676 (Standards of Performance for Nonmetallic Mineral Processing Plants) apply to this installation.

**Records & Miscellaneous**

33. At all times, including periods of startup, shutdown, and malfunction, owners and operators shall, to the extent practicable, maintain and operate any equipment approved under this Approval Order including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Executive Secretary which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source. All maintenance performed on equipment authorized by this AO shall be recorded.
34. The owner/operator shall comply with R307-150 Series. Inventories, Testing and Monitoring.
35. The owner/operator shall comply with R307-107. General Requirements: Unavoidable Breakdowns.

The Executive Secretary shall be notified in writing if the company is sold or changes its name.

This AO in no way releases the owner or operator from any liability for compliance with all other applicable federal, state, and local regulations including R307.

A copy of the rules, regulations and/or attachments addressed in this AO may be obtained by contacting the DAQ. The Utah Administrative Code R307 rules used by DAQ, the Notice of Intent (NOI) guide, and other air quality documents and forms may also be obtained on the Internet at the following web site:

<http://www.airquality.utah.gov/>

The DAQ is authorized to charge a fee for reimbursement of the actual costs incurred in the issuance of an AO. An invoice will follow upon issuance of the final AO.

Sincerely,

Tim Blanchard, Acting Manager  
Minor New Source Review Section

STATE OF UTAH DIVISION OF AIR QUALITY
A.O.#
DATE:
SIGNED:

### Equipment NOT Subject to New Source Performance Standards (NSPS)

40 CFR Part 60, Subpart OOO - Plants constructed, reconstructed or modified on or before August 31, 1983

40 CFR Part I - Hot Mix Asphalt Plants constructed or modified on or before June 11, 1973

<b>Equipment Description</b>	<b>Capacity/Production Rate</b>	<b>Manufacture Date</b>	<b>AO Number</b>	<b>Manufacturer</b>	<b>Model Number</b>	<b>Serial Number</b>
Generators						
Generator	365 kW			Caterpillar	3406	
Generator	35 kW			Wisper Wat		
Generator	60 kW			Caterpillar	3304	
Generator	600 kW			Caterpillar	3415	
Generator	800 kW		DAQE-787-96	Caterpillar	3508	6NA00844
Generator	600 kW		DAQE-787-96	Caterpillar		16VF008822
Generator	250 kW	2001		Caterpillar	3406	
Generator	200 kW	2001		Caterpillar	3306	
Asphalt Plant Equipment						
Hot Oil Trailer	30, 000 gallon	1996	DAQE-787-96		T-663	111163
Hot Oil Trailer	30, 000 gallon	1981	DAQE-787-96	CEI		96585
Miscellaneous haul and water trucks, conveyors, loaders, dozers, stackers, storage silos, feed bins, etc.						

Non - NSPS Equipment Listing for General Approval Order

STATE OF UTAH DIVISION OF AIR QUALITY
A.O.#
DATE:
SIGNED:

### Equipment Subject to New Source Performance Standards (NSPS)

40 CFR Part 60, Subpart OOO - Plants constructed, reconstructed or modified after August 31, 1983

40 CFR Part I - Hot Mix Asphalt Plants constructed or modified after June 11, 1973

<b>Equipment Description</b>	<b>Capacity/Production Rate</b>	<b>Manufacture Date</b>	<b>AO Number</b>	<b>Manufacturer</b>	<b>Model Number</b>	<b>Serial Number</b>
Aggregate Plant Equipment						
Cone Crusher	400 tph	1997	DAQE-749-97	Cedarapids	RC 5411	45686
Jaw Crusher	600 tph	1997	DAQE-749-97	Cedarapids	700	46068
Jaw Crusher	400 tph	1982 - modified	New	Nordberg	P2436VF	M454
Cone Crusher	400 tph	2004	New	JCI		Z040C040278
Roll Crusher	300 tph		New	Cedarapids		29195
VSI Crusher	600 tph	1999	New	Texas	2000-600D	2000-132
Screen	400 tph	1997	New	Cedarapids	1842	46469
Screen	400 tph		New	El Jay		43L0492
Screen	400 tph		New	Terrex-Cedarapids		053333
Screen	400 tph		New	Portec		2727714889020
Screen	600 tph		New	El Jay		34A1895
Screen			DAQE-787-96	Telesmith	E50130	389
Pep Screen	250 tph		New	El Jay		
Power Screen			DAQE-787-96	Finnley		12438
Scalping Screen	400 tph		New			EQ957
Feeder	400 tph	2004	New	Fab Tec		BF361719605
Asphalt Plant Equipment						
Drum Mix Asphalt Plant	300 tph		DAQE-787-96		E300	38083
Drum Mix Asphalt Plant	250 tph		DAQE-787-96		6422	

NSPS Equipment Listing for General Approval Order

